

ARC920000017051  
09/788,636In the Claims:

1. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, said display device comprising:

a computer display with associated supporting cabinet structure;

said associated supporting cabinet structure having one or more movable exterior sides, where one or more corresponding edges of said display are selectively exposed, said edges exposed by removing or temporarily displacing one or more of said movable exterior sides which protect said one or more exposed display edges, said supporting cabinet additionally comprising one or more structural connectors for structurally mating to said similar device;

at least one electrical connector disposed within said associated supporting cabinet structure and proximate to said one or more exterior sides, said at least one electrical connector capable of connecting in a mating relationship with a corresponding electrical connector in said similar portable display device,

said one or more exposed display edges abutting in a substantially coplanar configuration to a corresponding exposed display edge of said second similar portable device when said electrical connectors are connected and said computer display logically re-mapped to be part of a single display comprising the displays of both devices .

Claim 2 (cancelled)

3. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 1, wherein said portable

ARC920000017US1  
09/788,636

computer display device shares processing power when connected to said similar portable computer display device.

Claim 4 (cancelled)

5. (currently amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 4<sup>1</sup>, wherein said display is substantially rectangular in shape and a first one of said two exterior sides extends along a length of said display while a second one of said two exterior sides extends along a width of said display.

*Del con X*  
6. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 5, wherein said portable display device is connected to said similar portable display device along said first one of said two exterior sides providing a portrait orientation display.

7. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 5, wherein said portable display device is connected to said similar portable display device along said second one of said two exterior sides providing a landscape orientation display.

Claim 8 (cancelled)

ARC9200000170S1  
09/780, 636

9. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 1, wherein said said displacement is performed by folding said one or more movable exterior sides which protect said one or more exposed display edges towards a back surface of said supporting cabinet.

10. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 9, wherein said one or more movable exterior sides are connected to said supporting cabinet structure via one or more hinges.

201  
can  
X  
11. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 1, wherein data processed by said connected devices is synchronized prior to disconnection of said devices.

Claim 12 and 13 (cancelled)

14. (previously amended) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, said device comprising:

a housing having a top surface enclosing said display, a bottom support surface and a plurality of side surfaces connecting said top surface and said bottom support surface;  
said plurality of said side surfaces comprising one or more fixed surfaces and one or more movable surfaces, and

ARC920000017US1  
09/788, 636

wherein when said movable surfaces are moved, said device is receptive to being physically mated in a substantially coplanar fashion to said similar device so as to form said single display.

15. (previously amended) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 14, wherein when said device receives said similar device, the displays of said devices are logically re-mapped to provide said single display for said devices.

*cont*  
Claim 16 (cancelled)

17. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 14, wherein said one or more movable surfaces comprises two movable surfaces.

18. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 17, wherein said display is substantially rectangular in shape and a first one of said movable surfaces extends along a length of said display while a second one of said two movable surfaces extends along a width of said display.

ARC9200000170S1  
09/788,636

19. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 18, wherein said portable display device is connected to said similar portable display device along said first one of said two movable surfaces providing a portrait orientation display.

20. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 18, wherein said portable display device is connected to said similar portable display device along said second one of said two movable surfaces providing a landscape orientation display.

21. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 14, wherein said one or more movable surfaces are removable.

22. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 14, wherein said one or more movable surfaces are foldable towards said back support surface.

ARC920000017U81  
09/788,636

23. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 22, wherein said one or more foldable surfaces are connected to said housing via one or more hinges.

24. (original) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device functionally form a single display surface, as per claim 14, wherein said device synchronizes data processed by said mated devices prior to disconnection of said devices.

25. (currently amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, said display device comprising:

a computer display with associated supporting cabinet structure having a display surface;

said associated supporting cabinet structure having one or more movable side sections where a corresponding edge of said display is selectively exposed by displacing a movable side section;

at least one electrical connector disposed on within said movable side section along said edge;

at least one physical mating element disposed on said cabinet along said exterior side edge;

ARC920000017051  
09/788,636

wherein said electrical connector and mating element are disposed such that when said device is docked with a second similar portable display device, via a mating electrical connector and a mating element disposed along a side of said second device having a corresponding exposed display edge, said display edges are substantially contiguous and the display surfaces of said devices are substantially coplanar.

26. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein the displays of said connected devices are logically re-mapped to provide a single display for said connected devices.

27. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said portable computer display device shares processing power when docked with said similar portable computer display device.

28. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said display is substantially rectangular in shape said movable side section extends along a longer edge of said display such that when said portable display device is connected to said similar portable display device the displays provide a portrait orientation.

ARC920000017US1  
09/788,636

29. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said display is substantially rectangular in shape and said movable side section extends along a shorter edge of said display such that when said portable display device is connected to said similar portable display device the displays provide a landscape orientation.

30. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said exposed display edge is exposed by removing said movable side section which extends along said display edge.

31. (previously amended) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said exposed display edge is exposed by folding said movable side section which extends along said display edge towards a back surface of said supporting cabinet.

32. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 31, wherein said folding cabinet section is attached to said support cabinet via one or more hinges.

33. (original) A portable computer display device including one or more mating sections for docking with similar portable computer display devices, as per claim 25, wherein said portable



ARC920000017US1  
09/788,636

computer display device synchronizes data processed by said connected devices prior to disconnection of said devices.

Claims 34-42 (cancelled)

43. (allowed) A portable computing device including a display having a display surface, said device capable of being mated with a similar device such that the display surfaces of each device form a single display surface, said device comprising:

a housing having a back surface and at least first, second, and third exterior edges enclosing said display such that said display surface is exposed for viewing;

said first housing edge extending along a first edge of said display, a first end of said first housing edge adjoining a portion of said second housing edge extending beyond a second edge of said display, said first housing edge being foldable towards said back surface to expose said first display edge;

said portion of said second edge extending beyond said second edge of said display having a specified geometric shape when said first housing edge is folded towards said back surface;

said third edge including a reciprocal mating section at an end of said third edge adjoining a second end of said first housing edge opposite said first end, said reciprocal mating section having a geometric shape substantially identical to said specified geometric shape;

wherein when said first edge is folded towards said back surface, said portable device is capable of being mated with a second similar portable device utilizing said portion of said second edge extending beyond said second edge of said display and said reciprocal mating section such

ARC920000017US1  
09/788,636

that said first display edge is adjacent an exposed display edge of said second similar portable  
device.

2/1  
CACH